

Converting Colors

YUV(86.9970, -15.7745,
-27.1844)

Have a look what the booklet for
YUV(86.9970, -15.7745, -27.1844)
contains.

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Color

**YUV(86.9970, -15.7745,
-27.1844)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 386D37 |
| RGB | 56, 109, 55 |
| RGB Percent | 22%, 43%, 22% |
| CMY | 0.7804, 0.5725, 0.7843 |
| CMYK | 0.49, 0.00, 0.50, 0.57 |
| HSL | 119°, 33%, 32% |
| HSV | 119°, 50%, 43% |
| XYZ | 7.7891, 12.0539, 5.5305 |
| YIQ | 86.9970, -14.2540, -28.0300 |

Conversions

Conversions Part 2

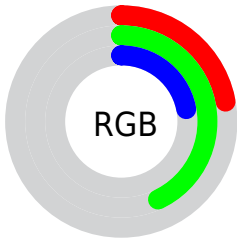
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 55, 109, 108 |
| Decimal | 3697975 |
| CIELab | 41.30, -29.81, 24.73 |
| CIELCh | 41, 38.731, 140.324 |
| Yxy | 12.0539, 0.3070, 0.4751 |
| Android (android.graphics.Color) | 4281888055 (0xFF386D37) |
| YUV | 86.9970, -15.7745, -27.1844 |
| Hunter-Lab | 34.7187, -20.7113, 14.8584 |

Details

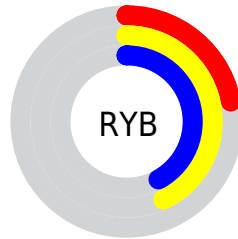
The YUV color **86.9970, -15.7745, -27.1844** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **77.0030, 15.7745, 27.1844**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2420, -17.3743, -27.3992**, and **36.9470, -13.2849, -32.4025** is the 20% darker color. If you saturate the color by 10%, you get **82.4540, -18.9578, -32.8472**, and if you desaturate by 10%, it is **91.5400, -12.5912, -21.5216**.

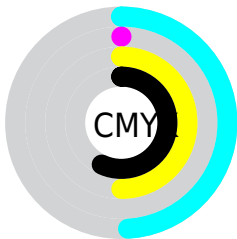
Distribution



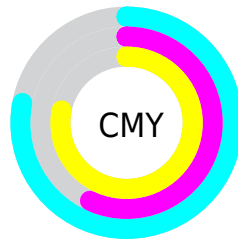
- Red (22%)
- Green (43%)
- Blue (22%)



- Red (22%)
- Yellow (43%)
- Blue (42%)



- Cyan (49%)
- Magenta (0%)
- Yellow (50%)
- Black (57%)



- Cyan (78%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9970, -15.7745, -27.1844 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 86.9970, -15.7745, -27.1844 by changing the saturation by 10% instead.

■ 86.9970, -15.7745,
-27.1844

■ 86.9970, -15.7745,
-27.1844

■ 255.0000, 0.0000,
0.0000

■ 61.9260, -14.7535,
-27.9991

■ 138.2420,
-17.3743, -27.3992

■ 36.9470, -13.2849,
-32.4025

■ 164.7150,
-18.1005, -27.8141

■ 22.8930, -11.2862,
-20.0772

■ 192.3020,
-18.3899, -28.3289

■ 5.2830, -2.6045,
-4.6332

■ 220.7750,
-19.1161, -28.7437

■ 0.0000, 0.0000,
0.0000

■ 238.0950,
-14.3438, -19.3773

■ 250.0720, -5.9515,

-4.4481

■ 86.9970, -15.7745,
-27.1844

■ 86.9970, -15.7745,
-27.1844

■ 82.4540, -18.9578,
-32.8472

■ 91.5400, -12.5912,
-21.5216

■ 78.2100, -22.2885,
-37.8952

■ 95.7840, -9.2605,
-16.4736

■ 73.6670, -25.4718,
-43.5580

■ 100.3270, -6.0772,
-10.8108

■ 69.1240, -28.6551,
-49.2207

■ 104.8700, -2.8939,
-5.1480

■ 64.9940, -31.5490,
-54.3687

■ 109.1140, 0.4368,
-0.1000

■ 64.5810, -31.8384,
-54.8835

■ 113.5430, 3.1833,
5.6628

■ 118.0860, 6.3666,
11.3256

■ 122.6290, 9.5499,
16.9884

■ 126.8730, 12.8806,
22.0364

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8560, -28.5230, 1.8803



86.9970, -15.7745, -27.1844



75.5480, 5.1528, -66.2556

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9970, -15.7745, -27.1844



79.2880, 39.7910, -69.5356



96.5120, -9.6194, 52.1710

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86.9970, -15.7745, -27.1844



77.0030, 15.7745, 27.1844

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.3660, 5.2426, 45.2830



86.9970, -15.7745, -27.1844



96.7080, 29.7240, -13.7759

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.9970, -15.7745, -27.1844



81.2140, 31.9395, -71.2247



100.3660, 18.5536, 22.4810



96.2000, -23.2696, 43.6746

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.9970, -15.7745, -27.1844



78.6430, 14.4730, -68.9699



100.3660, 18.5536, 22.4810



97.1790, -4.5252, 51.5860

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.9970, -15.7745, -27.1844



134.2130, -6.5140, -10.7108



101.6700, -23.0083, 6.4284



66.0440, -3.4727, -6.1776



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9970, -15.7745, -27.1844



108.6070, -24.4563, -42.6283



89.5480, -4.7072, -30.2986



51.5220, -1.7363, -3.0888



69.2770, -34.1536, -59.0019



145.3100, -71.6378, -123.0519

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.0030, 15.7745, 27.1844



93.0940, 24.6037, 42.0136



74.4520, 4.7072, 30.2986



50.1790, 1.8838, 2.4740



47.7230, 34.1536, 59.0019



99.6900, 71.6378, 123.0519

Previews

White Background



This preview shows how the YUV color 86.9970, -15.7745, -27.1844 looks on a white background.

Color Contrast Check

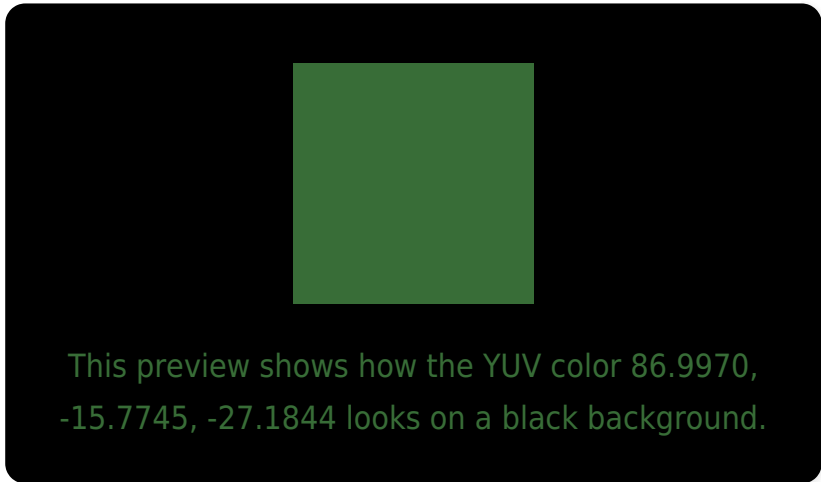
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.9970, -15.7745, -27.1844

Background



This preview shows how black text looks on a background with the YUV color 86.9970, -15.7745, -27.1844.



This preview shows how white text looks on a background with the YUV color 86.9970, -15.7745, -27.1844.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.9970, -15.7745, -27.1844

Protanopia

94.7460, -21.5668, 10.7468

Deuteranopia

96.3000, -18.3889, 18.1539



Tritanopia

93.4470, 8.6536, -22.3170

Trichromacy



Original Color

86.9970, -15.7745, -27.1844

Protanomaly

91.5270, -19.4868, -3.0932

Deuteranomaly

93.1300, -17.3191, 1.6400

Tritanomaly

91.1450, -0.0715, -23.8062

Monochromacy



Original Color

86.9970, -15.7745, -27.1844

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0390, -5.9352, -9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9970, -15.7745, -27.1844 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(56, 109, 55)` looks like.

```
.text, #text, p{  
    color:rgb(56, 109, 55)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(56, 109, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 109, 55) }
```

Border

The CSS property to change the border of an element to YUV 86.9970, -15.7745, -27.1844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 109, 55) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(56, 109, 55) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(56, 109, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 109, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 109, 55);  
box-shadow:4px 4px 4px 4px rgb(56, 109,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 86.9970, -15.7745, -27.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 109, 55) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(56, 109,  
55) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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